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LITERATURE ON FUNGOUS FLORAS IN NORTH AMERICA AND AN ADDITION TO A "CHECK LIST OF REFERENCES DEALING WITH THE TAXONOMY OF THE FUNGI."

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Many states are interested today in maintaining accurate records of the distribution and annual prevalence of plant diseases. The submission of these records to the Plant Disease Survey at Washington, D. C., has made possible the frequent publication of digests and summaries of the distribution and prevalence of diseases and crop losses resulting from them. The accumulation of reliable records of this kind over a period of several years should be of great value in the preparation of histories of the distribution of our economic plant diseases; of accounts of environmental factors limiting their distribution to certain areas and determining their prevalence from year to year. If plant pathologists in all of the states could be enlisted to supply the Plant Disease Survey Office with yearly summaries of plant diseases, sufficient information would eventually become available to permit more comprehensive studies in this direction.

Published lists of fungi and herbaria are very desirable sources of information on the distribution of fungi. They are the only records we have of the distribution of plant disease fungi in the early days of phytopathology in the United States. While the interest in these early times was mainly in collecting and classifying fungi, the records serve as starting points of our knowledge of many plant diseases. In 1899, Underwood* published a complete bibliography of the literature dealing with fungous floras in North America. In the preparation of this chapter he seemed interested in the geographic range of North American fungi. His paper contains all the literature on fungous floras published previous to 1899 arranged by states in which the collections were made. Since the publication of this book several fungous floras in different parts of the country have been published.

* Underwood, L. M. Moulds, mildews and mushrooms. Henry Holt and Co., New York, N. Y. 1899. Literature cited. Chapt. 11, 165-200.

It is partly the purpose of this paper to bring to the attention of plant pathologists engaged in plant disease survey work the literature on fungous floras since the appearance of Underwood's book. Upon examination of the literature cited, one will usually find an account of earlier fungous floras of that state or region and a history of collecting.

In a former paper the writer with P. A. Young prepared a guide to the literature for the identification of fungi. That paper also includes literature on fungus floras concerning special groups of fungi. The references are arranged under the respective groups in the natural system of the fungi. In view of the large demand for that paper and the need which it has served, this supplementary list has been prepared to bring it up to date. As in the former paper the plan is to give special consideration to North American literature.

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